

California OES Weather Threat Briefing

Tuesday, November 20, 2018
9:00 AM PST

- **Days 2-4 Primary Hazards:** Storm systems will bring lower elevation rainfall, with a threat of mudslides and debris flows. Accumulating snowfall is expected in the Sierra, and strong winds are expected both in the Sierra and portions of northern California.

National Weather Service
Western Region Headquarters
Regional Operations Center
Salt Lake City, UT



Key Points

11/20/18 - 11/26/18

Tuesday

- Widespread poor air quality due to smoke
- Dry conditions continue statewide

Tuesday Night-Friday

- Periods of rain and mountain snow will impact most of the state. Southern California will see precipitation primarily Wednesday night and early Thursday, while northern and central California will see multiple rounds of precipitation through at least Friday night.
- Snow levels will be around 5000-6000 feet across central and northern CA and 6000-7000 feet across southern CA. Accumulating snowfall will make travel very difficult in some mountain locations.
- Moderate to heavy rainfall could bring a threat of mudslides and debris flows. This threat is highest in northern and central California, including the Camp, Carr, Delta, Hirz, and Medocino Complex fire burn scar areas. There is also a minor debris flow concern for the Woolsey and Hill burn scar areas.
- Strong winds are expected in northern California Thursday night and Friday, with 40-45 mph gusts in the Sacramento Valley, 50-70 mph gusts along the eastern Sierra Front, and 70-100 mph gusts across the Sierra Ridges.

Saturday-Monday

- Drier weather likely developing for the weekend.
- A weak Santa Ana event could bring offshore winds back to southern California Saturday night through Monday, creating elevated fire weather concerns.



California Weather Impacts

11/20/18 - 11/26/18

<u>Hazards / Day</u>	TUE	WED	THU	FRI	SAT	SUN	MON
Non-Thunderstorm Damaging Winds		Inland	Inland	Inland			
Snow		Sierra	Sierra	Sierra			
Coastal Flooding							
River Flooding							
Thunderstorms (Wind / Hail / Tornadoes)							
Fire Weather (Low Humidity / Wind / Dry Thunderstorms)						Southern	Southern
Heat Risk							
Heavy Rain / Flash Flooding / Debris Flow		All Regions	Inland, Coastal	Inland, Coastal			
Extreme Cold							



No Impacts



Minimal Impacts



Moderate Impacts



Severe Impacts

Debris Flow Potential (Northern and Central California)

Flash Flood Watches are in effect Wednesday afternoon through Friday morning for several burn scars across California including:

- **Camp, Carr, Delta, Hirz, and the Mendocino Complex Fire burn scar areas**
 - Those traveling in or along the areas along Interstate 5 and Highway 299 in the western portion of Shasta County, and along portions of Highway 70 and the Skyway in Butte County should be alert for possible road problems due to flooding, rock, and debris flows.
 - **Wednesday**
 - 0.50-1.00 inches of rain over the northern valleys
 - 1.00-2.00 inches of rain over the northern foothills
 - Heaviest rainfall rates late Wednesday afternoon and Wednesday night
 - **Thursday/Friday**
 - 1.00-2.00 inches of rain over the northern valleys
 - 2.00-4.00 inches of rain over the northern foothills
 - Heaviest rainfall rates late Thursday night through early Friday afternoon



Debris Flow Potential (Southern California)

Minor debris flow concern for the Woolsey and Hill Fire burn scar areas
Wednesday afternoon and Wednesday night

- 0.30-0.60 inches of rain for the Woolsey and Hill burn areas with localized amounts up to 1.00" possible
- The peak of the highest rainfall rates should occur between 8 PM Wednesday evening through 4 AM Thursday morning
- No debris flow concerns for the Thomas Fire burn scar
- No precipitation expected Thursday afternoon and Friday

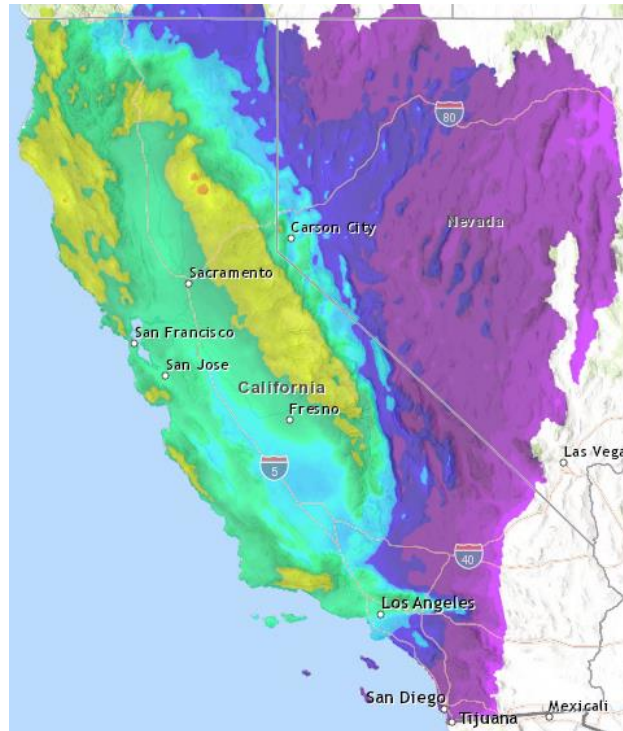


Precipitation Forecast

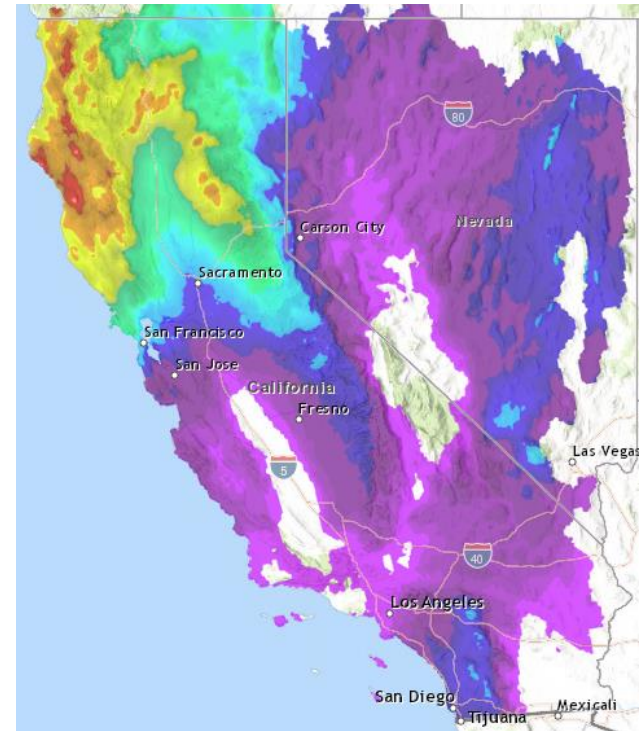
Precipitation (inches)



Tuesday



Wednesday



Thursday



6-10 Day Outlook

Temperatures

- Above normal temperatures likely across the state

Precipitation

- Below normal precipitation is slightly favored for most of the state

8-14 Day Outlook

Temperatures

- Above normal temperatures likely statewide

Precipitation

- Above normal precipitation favored statewide



Information provided by:

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